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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/994,560	11/27/2001	Harold L. Bennett	31088-2	8731

7590 01/15/2003

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**EXAMINER**

TOOMER, CEPHIA D

**ART UNIT** **PAPER NUMBER**

1714

**DATE MAILED: 01/15/2003**

6

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

Applicant(s)

Examiner

Group Art Unit

—The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address—

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

Responsive to communication(s) filed on 10/3/02.

This action is FINAL.

Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

### Disposition of Claims

Claim(s) \_\_\_\_\_ is/are pending in the application.

Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

Claim(s) \_\_\_\_\_ is/are allowed.

Claim(s) 1-5, 9-15 and 19-21 is/are rejected.

Claim(s) 6-8 and 16-18 is/are objected to.

Claim(s) \_\_\_\_\_ are subject to restriction or election requirement

### Application Papers

The proposed drawing correction, filed on \_\_\_\_\_ is  approved  disapproved.

The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner

The specification is objected to by the Examiner.

The oath or declaration is objected to by the Examiner.

### Priority under 35 U.S.C. § 119 (a)-(d)

Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119 (a)-(d).

All  Some\*  None of the:

Certified copies of the priority documents have been received.

Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.

Copies of the certified copies of the priority documents have been received  
in this national stage application from the International Bureau (PCT Rule 17.2(a))

\*Certified copies not received: \_\_\_\_\_

### Attachment(s)

Information Disclosure Statement(s), PTO-1449, Paper No(s). \_\_\_\_\_  Interview Summary, PTO-413

Notice of Reference(s) Cited, PTO-892  Notice of Informal Patent Application, PTO-152

Notice of Draftsperson's Patent Drawing Review, PTO-948  Other \_\_\_\_\_

## Office Action Summary

**DETAILED ACTION**

This Office action is in response to the amendment filed October 3, 2002 in which claims 5, 6 and 12-20 were amended.

The rejections of the claims under 35 USC 112, first and second paragraphs are withdrawn in view of the amendment to the claims and/or applicant's arguments.

Claims 1, 3, 5, 9, 11, 13, 15, 19 and 21 are rejected under 35 USC 102(b) as being anticipated by Bennett (US 4,273,643) for the reasons of record.

Claims 2, 4, 10, 12, 14 and 20 are rejected under 35 USC 103(a) as being unpatentable over Bennett (US 4,273,643) for the reasons of record.

Applicant argues that Bennett fails to teach the addition of inert organic matter.

The examiner respectfully disagrees. Bennett teaches that the carbonaceous material includes bituminous coal, lignite, peat, trash, and/or sewage sludge (see col. 1, lines 67-68; col. 2, line 1). These materials include Applicant's carbonaceous material and inert organic matter. Applicant's step of providing a carbonaceous precursor material and lowering the agglomeration value of the carbonaceous precursor material to prevent agglomeration and caking reads on the mixture of carbonaceous materials taught by Bennett. Furthermore, it should be note that the claim language of claim 21, "adding up to about 20 weight percent of an organic additive" reads on zero.

Claims 6-8 and 16-18 are objected to as being dependents of rejected base claims but would be allowable if written in dependent form incorporating all intermediate subject matter. The prior art fails to teach or suggest that the roaster of the its invention includes a plurality of decks constructed of heat conductive non corrosive metal. The

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prior art also fails to teach the use of injected steam to assist in the removal of the tar and producer gases.

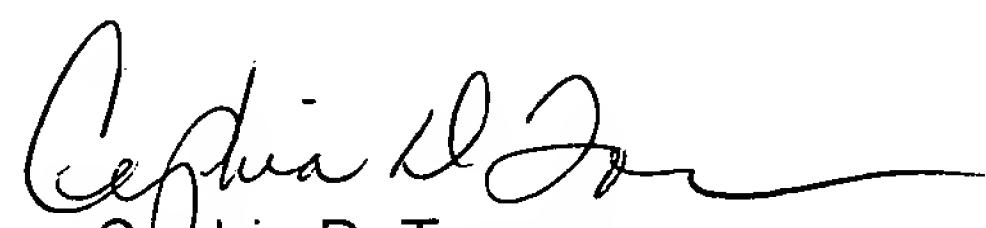
**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cephia D. Toomer whose telephone number is 703-308-2509. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vasu Jagannathan can be reached on 703-306-2777. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9310 for regular communications and 703-872-9311 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0661.



Cephia D. Toomer  
Primary Examiner  
Art Unit 1714

099456016  
January 13, 2003